DREAM AFRICA SCHOOLS
HOME WORK FOR P.7 TERM III 2019

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Mathematics

1. Given numbers 32, 42, 62, 72, 96 and 114. With clear workings, list down the numbers divisible by 4.

2. What is the value of 5^3?

3. What is the 9th composite number?

4. Find the cube root of 216.

5. What is the value of $(x - y)$ in the sequence 2, 2, 3, 5, 8, y, x.

6. Given that $n\left(\dfrac{n+1}{2}\right) = p,$ find the value of p if n = 9.

7. The sum of 3 consecutive counting numbers is 33. If the middle integer is x, find their range.

8. The mean of 4 consecutive odd numbers is 12. List down all the numbers.

9. The square root of a number is x. Find the number given that x = 16.

10. What is the sum of all prime numbers between 90 and 100?

11. Given sets F_{36} and F_x, use it to answer questions that follow.
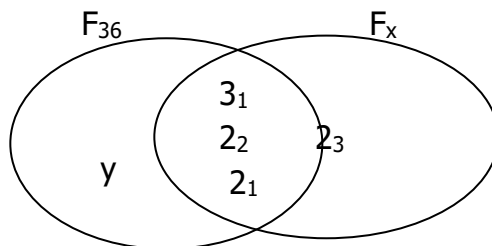
   (a) Find the values of (i) x (ii) y

   (b) Calculate the GCF of F_{36} and F_x.

   (c) Find $n(F_{36} \cup F_x)$

12. (a) Solve for p: $205_p = 115_{eight}$

   (b) Divide 253_{six} by 5_{six}.

Social studies

1. In which way are latitudes and longtudes important?

2. Name the water body which joins the red sea to the Mediterranean Sea.

3. By what process was L. Ngami in Botswana formed?

4. Which type of climate is referred to as warm temperate in western Uganda?

5. How does vegetation affect climate of an area?

6. How do people care for wild animals?

7. How does soil fertility affect population distribution?

8. Who were the original settlers of Southern Africa?

9. Why is it important to study about early man?

10. Why did Tanganyika suffer most during World War I?

11. Give two reasons for the scramble and partition of Africa.

12. Either: (a)   Give two types of prayer.

            (b)   Why did Jesus always encourage his apostles to pray?

     Or: (a)   Mention the first two daily prayers in Islam.

            (b)   Name the prayer recited to accompany the dead person in Islam.

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Science

1. Name the componet of blood responsible for transporting digested food.

2. State the importance of proper house ventilation.

3. Identify one social problem caused by excessive use of alcohol in a family.

4. Write down one sign of mastitis in cattle.

5. Name one other vaccine included in the DPT vaccine.

6. In the space below draw a diagram of a compound trifoliate leaf.

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7. What name is given to agro-chemicals used to control weeds in the garden?

8. The diagram below shows the eggs of a certain amphibian. Name the amphibian.

9. What is the importance of taking children for immunisation?

10. Give any one reason why white objects are seen easily at a distance.

11. What is the process by which seeds develop into seedlings?

12. Give one characteristic which is common to all invertebrates.

13. State any one use of an axe in a home.

14. State one use of sisal to people.

15. Give the meaning of drug misuse.

English

Use the correct form of the word given in the brackets.

1. Overgrazing causes environmental _____ (degrade)

2. The stubborn boy did his work _____ than usual. (careless)

3. The heavy rains have _____ the conditions of the murram roads. (bad)

4. Our cock _____ loudly yesterday. (crow)

5. The more ingredients he added in the cake, the _____ it became. (tasty)

For numbers 6 to 10, complete each sentence with a suitable word.

6. The whole family died _____ a motor accident.

7. The police have arrested the criminals _____ broke into the shop.

8. If the police saw the rabid dog, they _____ shoot it.

9. Hardly had I sown the seeds _____ it rained.

10. We all _____ attention to what the teacher was saying.

Write the given words in their short forms.

11. Degree   _____

12. Headquarters _____

In each of the questions 13 to 15, re-write the sentences giving one word for the underlined words.

13. We have been here <u>three times</u> since the year begun.

14. Nobody knows when he was <u>put in prison</u>.

15. Derrick went to the <u>place where films are shown</u> with his best friend.
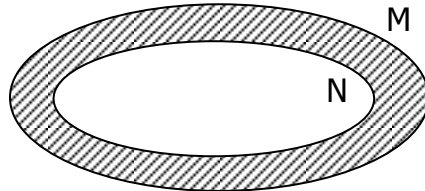
DREAM AFRICA SCHOOLS
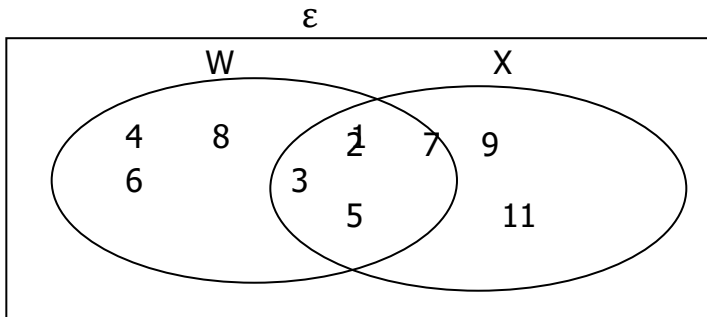## HOME WORK FOR P.7 TERM III 2019

Name: .... INDEX: ....

Mathematics

1. Describe the shaded region in the venn diagram below.

    M

    N

2. Use the venn diagram below to answer questions that follow.

    ε

    W   X

    4   8   2   7   9
    6   3
              5   11

    (i)   List elements of set W.
    (ii)   How many subsets are in set W∩X
    (iii)   Describe set X'.
3. Given that set A = {Trees that play guitors) Find the number of proper subjsets in set A.
4. The president is to visit Kyengera Parents' school next week.
    (a)   Find the probability that he will come on a day that starts with letter 'S'
    (b)   What is the probability that it will rain on the day of his visit?
5. If set P = {a, b, c, d, e} and set Q = {1, 2, 3, 4, 5} What name is given to the type of set P and Q?
6. Draw a venn diagram to show ACB.
7. Use the words "finite set" and "infinite set" to describe the following sets.
    (a)   Set of English alphabet.
    (b)   Set of pupils of P.7.
    (c)   Set of integers
    (d)   Set of stars
8. Given that set A = {0, 1, 2, 3, 4, 5} and set B = {1, 2, 3, 4, 5, 6, 8}
    (a)   Draw a venn diagram to show set A and set B.
    (b)   List members of A∩B.

P.7 Social Studies (Wk 1)

1. What is meant by the term economy?

2. Why is a market important for industry?

3. Give one cause of refugees in Africa.

4. Why is NamdiAzikiwe regarded as an important nationalist leader?

5. What role did CarlPeters play in the colonisation of East Africa?

6. *Use the map below to answer the following questions.*

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     (a)   Name the country marked **K**.
     (b)   How does Lake**X** promote trade in East Africa? (Give two ways)
     (c)   Name the game park marked **P**.

7. Give two reasons why irrigation schemes such as the Gezira irrigation scheme in Sudan are set up.

8. Give one reason why countries have to trade with each other.

9. How was John the Baptist related to Jesus?

10. How did John the Baptist prepare for the coming of Jesus?

11. How did John the Baptist meet his death?

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Science

1. What is an electric circuit?

2. A pair of tongs is used for handling hot objects like charcoal. Name the class of levers it belongs to.

3. What kind of movement is possible in a hinge joint?

4. Suggest any one possible problem which may happen to a girl of 17 years if she becomes pregnant.

5. A latrine is always constructed 10 metres away from the main house. Why is it so?

6. Give the function of the propolis in bee keeping.

7. Name the type of thermometer used for measuring room temperature.

8. Why does blood go to the kidneys during circulation?

9. What makes the images in a camera to be upside down?

10. State the importance of transpiration in green plants.

11. Name the type of friction experienced by a flyingaeroplane.

12. Which blood cells are attacked by plasmodium germs?

13. Mention the method that can be used to produce pure water.

14. Atim shouted and her friend Acenwho was 200 metres away heard her voice. How did this happen?

15. Name the type of energy which causes water to change into vapour.

English

In each of the questions 1 – 5, fill in the blank space with a suitable word.

1. Hawa hasn't met her auntie _____ two years.
2. The chief loved his sons very much, _____ he?
3. Most pupils abide _____ the rules and regulations of their schools.
4. All the _____ of chalk the teacher was using for writing on the blackboard broke.
5. John has drawn _____ lines instead of horizontal ones.

In each of the questions 6 to 10, use the correct form of the word given in the brackets to complete the sentence.

6. The housemaid had not _____ the house by the time my mother returned from work. (tidy)
7. This is the _____ time he is telling me about that. (five)
8. Those girls are very _____ (argue)
9. David has _____ in bed for over six hours. (lie)
10. The stranger seemed to be _____ ill. (mental)

Use each of the given words in a sentence to show their difference in meaning.

11. Rare:
12. Rear:

For numbers 13 to 15, rearrange the given words in alphabetical order.

13. Mast, mass, master, mask
14. Forestry, foresty, forester, forested
15. Cold, cool, cook, cookie

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Mathematics

1. Simplify $1\frac{1}{4} - \frac{1}{8} + \frac{1}{4}$
2. Find the value of 66 – 0.66 + 6.6.
3. Arrange in ascending order; $\frac{1}{2}$, $\frac{3}{4}$, 0.03 and $\frac{2}{3}$
4. Workout: (2.5 x 4) + (2.5 x 6)
5. Work out: $\frac{3.6 \, x \, 0.3}{1.2 \, x \, 0.09}$
6. When sh. 400 is increased by x%, it becomes sh. 500. Find x
7. The cost price of a shirt is 32,000. What will it cost after a 20% discount?
8. A tank was $\frac{5}{7}$ full of water. When 220 litres were drawn from it, it became $\frac{2}{5}$ full. Find the total capacity of the tank.
9. Jerome bought $\frac{3}{5}$ of sugarcane. He ate $\frac{2}{3}$ of the sugarcane he bought in the morning and the rest was eaten in the evening. If 13 internodes were eaten in the evening, calculate the total length of the sugarcane in terms of internodes.
10. A factory produces 20% more blue iron sheets than brown iron sheet daily. If 28000 brown iron sheets are produced, calculate the total number of iron sheets produced.
11. Mwine read ½ of a text book in the morning and $\frac{2}{5}$ of the remainder in the afternoon. If he was still left with 9 pages to read, find the total number of pages in the book.
12. Express 0.12333… as a common fraction in its lowest terms.

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Social Studies

1. Give one reason why Uganda's imports and exports pass through Kenya and Tanzania.
2. What causes land fragmentation in mountainous areas?
3. Give one use of wetlands to man.
4. Briefly explain what budgeting means.
5. What is the major type of climate experienced in Democratic Republic of Congo?
6. Give one major problem Uganda faces due to wars in Somalia and South Sudan.
7. Name the organization which is trying to stop the civil war in South – Sudan.

Study the map below and answer questions that follow.

8.   Describe the type of vegetation found in area shaded

| X XX X XX X XX |
| XXXXXXX |

9.   Give two examples of fruits grown in the area shaded
10.   Of what economic importance is **X** to Africa?
11.   NameIsland marked **Y**.
12.   Which line of longtitude passes through Accra in Ghana?
13.   How are rivers important to the development of Africa?
14.   Name one area of plateau in Africa.

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English

Rewrite the sentences as instructed in the brackets.

1. The old man has died. I told you about him last week. (Rewrite using: ……..whom……)
2. Patra is our school nurse. Her father is an engineer. (Join using: ……whose……)
3. The donkey died. The donkey was knocked by a tractor. (Rewrite as one sentence using: ……..which…….)
4. The inspector didn't have a vehicle. He came to our school. (Join using: ……..who…….)
5. Their beloved son works in that hotel. (Begin: A beloved…….)
6. This letter will reach you when I have left the country. (Begin: By the time………)
7. The train left before she reached the railway station. (Rewrite using: …by the time……)
8. My father borrowed five thousand shillings from the doctor for buying a calendar. (Use…….lend……)
9. Patricia can't remember the person who lent her the shoes. (Rewrite using: …….. borrowed……..)
10. All the roofs of the houses were declared unsafe. (Begin: None…….)
11. All mangoes are juicy. (Begin: Every ………..)

Give the opposites of the underlined words.

12. The teacher drew an <u>accurate</u> angle.
13. My mother does not like staying <u>indoors</u> most of the time.

Re-arrange the words below to form correct sentences.

14. is headteacher your current who the school of?
15. eaten cat rat been by has A the.

Science

1. Name the ear ossicles in their right order.
2. This is a diagram of a separating funnel. What is it used for?

3. Name one process in nature that uses carbondioxide.
4. What property of water is demonstrated when salt dissolves in it?
5. Name the plant shown below.

6. How does the above plant reduce the rate of transpiration?
7. Suggest one sign of dehydration.
8. Write down any type of plant propagated like sugar canes.
9. Which organ does an earth worm use for breathing?
10. Olee's diet lacks proteins, which defiency disease is he likely to suffer from?
11. Give one advantage of physical exercises to the human body.
12. Identify one similarity between conifers and ferns.
13. How does oil which is poured over stagnant water kill mosquitoes?
14. Mention one secondary sex characteristic that occurs only in adolescent girls.
15. Convert 100^0C to ^{0}F.

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<u>Mathematics</u>

1. Ssesazi cycles from Muduuma at 8:00am at an average speed of 15km per hour for 2hours and then rests for 30minutes. He then continues his journeyuyuntill he arrives at Buswa at 12:30p.m. Nyanzi leaves Buswa at 11:00am and drives non-stop to Muduuma arriving there at 12:30 p.m.
    (a) If Buswa is 80km away from Muduuma, represent Ssesazi and Nyanzi's journeys on the travel graph below.

Buswa 80
70
60
50
40
30
20
10
Muduuma
8am 9am 10am 11am 12noon 1pm 2pm
Time

Buswa
Muduuma
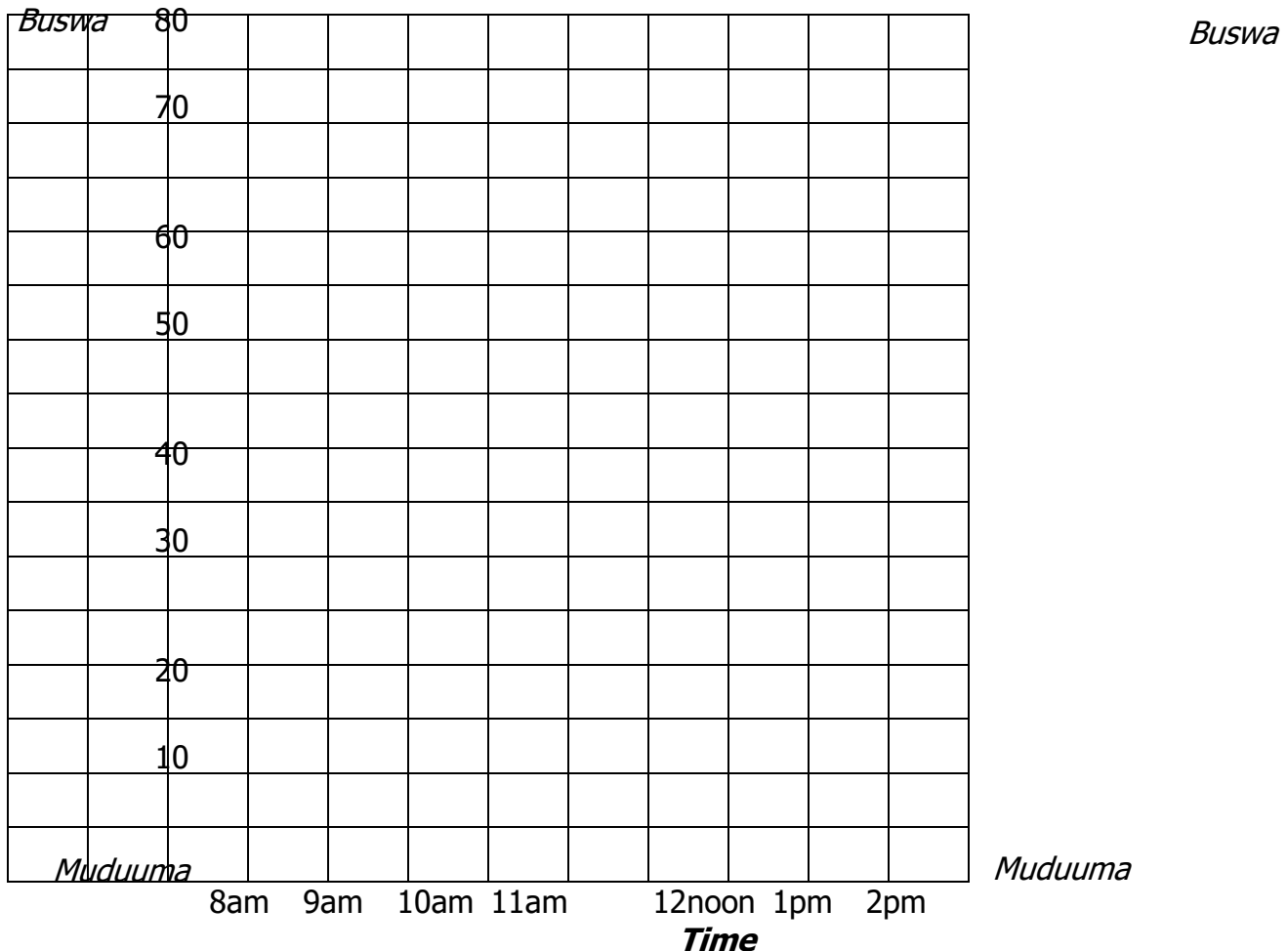
    (b) Where do they meet?

2. (a) Plot the following points on a grid A(0,3) B(-3, -2) C(3, -2)
    (b) Join A to B, B to C and C to A. Name the figure formed.
    (c) Calculate its area in square units.
3. The table below shows marks in percentage scored by six pupils in a Maths Test.

Pupil	Busingye	Katutu	Nalwanga	Amora	Naluswata	Poni
Score	80	60	95	85	80	90

    (a)   Draw a bar graph to show their scores.

    (b)   What was their mean score?

4.   A cyclist left town X at 8:00am riding at 10km/hr for 2 hours. He got a puncture which took him an hour to mend. He continued to town Y at an average speed of 20km/hr for an hour. He stayed at Y for 30 minutes before continuing to Z 10km away riding at 5km/hr.

    (a) Draw the cyclist's journey on the graph below.

Distance in Km

8am 9am 10am 11am   12noon 1pm 2pm

Time
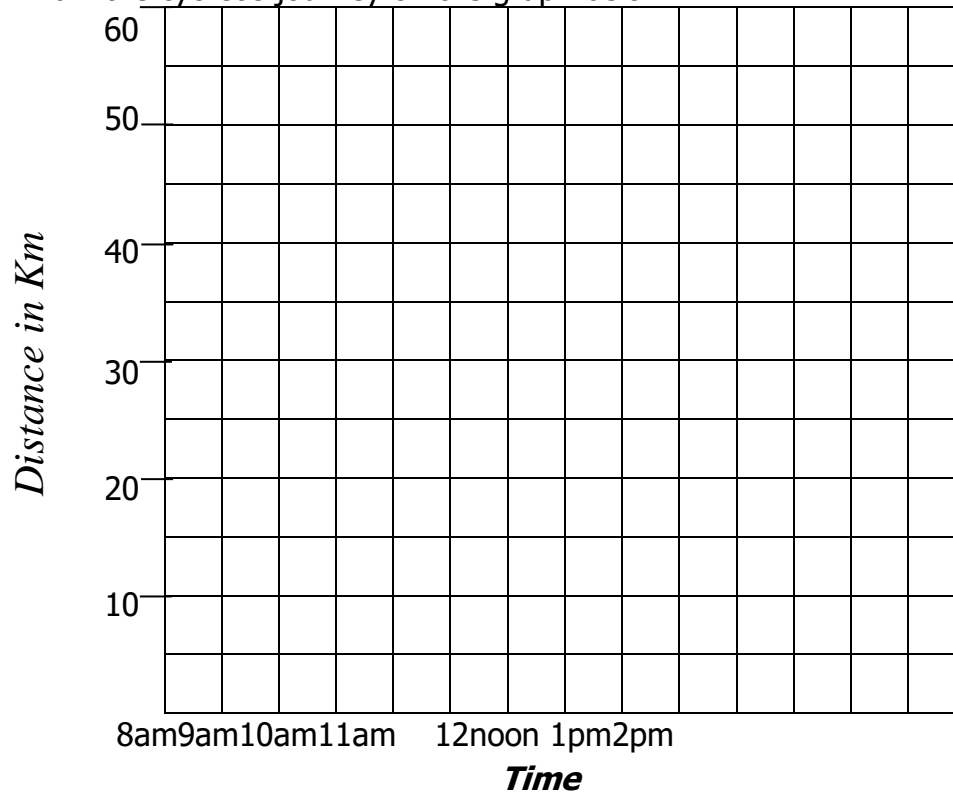
    (b)   Calculate the cyclist's average speed for the whole journey.

Social studies

1.   Name the last White president of South Africa.
2.   Why was Ethiopia not colonised by Europeans?
3.   Give any two methods Africans used to demand for their independence.
4.   What is nationalism?
5.   Which British governor of Uganda promoted cash crop growing?
6.   What did the term scramble for Africa mean?
7.   Which type of vegetation is described as ever green?
8.   What is population distribution?
9.   State any two characteristics of semi-desert regions of East Africa.
10.   What are sand dunes?
11.   Name any two hot deserts in Africa.
12.   Either: State the second greatest commandment for Christians.
        Or: State the second pillar of Islam.

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English

For each of the questions 1 – 5, fill in the blank space with a suitable word.

1. She is such _____ honest woman that everybody likes her.
2. The driver died as a result _____ serious injuries.
3. Swalik does not know _____ the new teacher's name is.
4. My mum has gone to the _____ to buy meat.
5. To _____ boy were the exercise books given?

Re-write as instructed in the brackets.

6. What a lucky person Martha is! (Begin: Martha……….)
7. It was not necessary for Gloria to abuse the madman. (Re-write using……needn't…..)
8. People become wise as they grow old. (Begin: The older……….)
9. There was nothing in the stranger's bag. (Re-write beginning: There wasn't …….)
10. Gideon did not buy any sugar, did he? (Re-write the sentence ending; …………didn't he?)
11. Who stole the kitchen utensils? (Begin: By whom……….?
12. My uncle owns a bus. My uncle owns a lorry. (Re-write using;………not only……..)
13. Tendo wants to buy a bicycle but he has not got the money. (Use: …….would…….)
14. The children were drawing pictures. (Re-write beginning: Pictures…….)
15. The chief has two daughters. They are dark-skinned. They are beautiful. They are tall. (Re-write as one sentence without using: 'who', 'that', or 'and')

Science

16. Why do veins have valves in them?
17. Identify any one insect which does not lay eggs but produce larvae.
18. How useful are ventilators to a man in living houses?
19. Mention one example of a non-renewable energyresource.
20. How useful is the human tooth shown in the diagram below to man?

21. What scientific term is used to describe the three small bones in the middle ear?
22. Name one disease that can lead to dehydration.
23. How is water and soap useful when Wajjala is washing his clothes?
24. State the function of the haltere to a house fly.
25. Why do some farmers in Uganda prefer rearing exotic breed of goats to local ones?
26. In the space below, draw the beak of a sun bird.

27. Where exactly on the fingers do germs hide?
28. In which one way are bacteria useful to man?
29. How is sound produced in Adam's apple (larynx)
30. Identify one disorder of the digestive system.

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Mathematics

1. Using a ruler and a pair of compasses, bisect angle O.

   X   **Y**
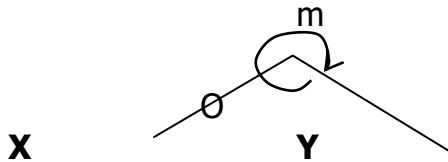
2. Construct the following angles using a pair of compasses.
   (a) 22.5^0 (b) 135^0
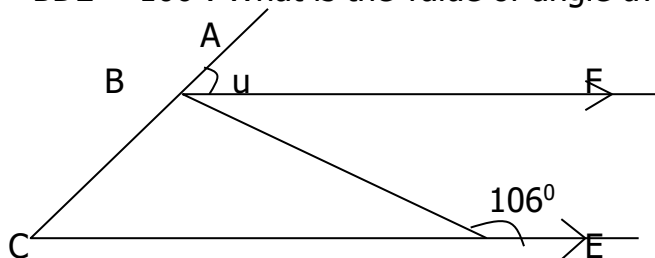3. Calculate and find the size of angle marked with letter x in the figure below.

145^0

35^0
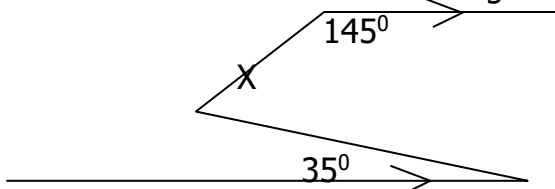
4. (a)   Construct triangle KLM in which KL = 5cm, LM = 7cm and <KLM is 70^0.

   (b)   Construct a circle that passes through K, L and M.
   (c)   Measure the readius of the circle.
5.   In the figure below, ABC and CDE are straight lines. Line BD = CD and
           <BDE = 106^0. What is the value of angle u?

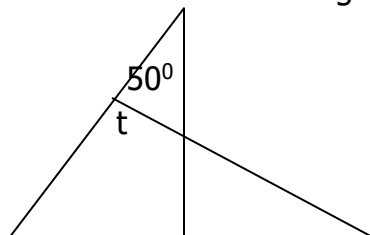6. The interior angle of a regular polygon is twice its exterior angle.
   (a)   What is the size of the exterior angle?
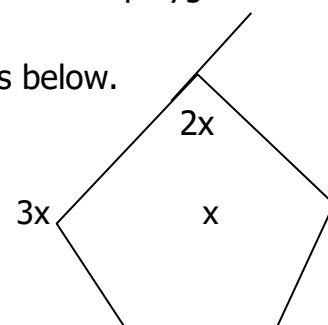   (b)   By triangulation, how many triangles does the above polygon have?
   (c)   Calculate its interior angle sum.
7. Calculate the size of   unknown angles in the figures below.
   (a)

50^0

t

(b)   3x   2x   x

p   155⁰
            65⁰   4x   2x

SST (Week 4 P7 Homework)

1. Why is Africa referred to as the cradle land of man?

2. What is an ethnic group?

3. Why is Dr. S.B. Leakey remembered in the history of Africa?

4. What was the Trans Saharan Trade?

5. Give one reason why the traders across the Saharamoved in caravans.

6. Mention any two items of trade that the Arabs obtained from Africa.

7. State any two effects of the Trans-Saharan Trade.

8. Name the Dutch who encouraged the fellow Dutch who survived the sinking ship to settle at cape colony.

9. How did the settlement of the Dutch affect the Khoisans in South Africa?

10. Give any two similarities between Christianity and Islam.

11. How is Christianity different from Islam?

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English

For each of the questions 1 – 10, use the correct form of the word given in the brackets.

1. His bull is three times _____ than yours. (fat)
2. If my father _____, everybody will be happy. (marry)
3. The fish was too _____for me to eat. (oil)
4. The party was _____ by bad weather. (spoil)
5. Francisand _____ usually go to town by taxi. (me)
6. We are all to blame for the _____ of the environment. (destroy)
7. Patrick could not help _____ when he heard the story. (to laugh)
8. Zimbabweheld _____ elections recently. (peace)
9. Sarah wanted to know the _____ of planting trees. (important)
10. The cooks prepared our meals in _____ conditions. (hygiene)

Write the plural of each given word.

11. sky
12. goose

Re-write the sentences giving the opposite of the underlined word.

13. The <u>responsible</u> secretary arrived late.
14. The plane <u>departed</u> at 8:00p.m.
15. Is it true that <u>gentlemen's</u> ideas are ever good?

Science

1. How can cockroaches be controlled in a living house?
2. Identify the type of simple leaf shown below.

3. Name the common material used in making handles of ironing boxes.
4. Why is it not advisable to share a living house with animals?
5. Why should beddings be regularly spread under the sun to dry?
6. State one importance of a cobweb to a spider.
7. Apart from having bright petals, how else do flowers attract pollinators?
8. Apart from preventing pregnancy, how else is abstinence from sex important to adolescent girls?
9. What force does one over come to lift a stone lying on the grind?
10. Name any one way in which news about the outbreak of an epidemic disease can be passed on to the community.
11. Give one advantage of row planting over broadcasting in crop growing.
12. How are tall buildings protected against lightning?
13. Give a scientific reason why cars are painted.

14.   At what stage in the life cycle of a butterfly is a friend to a crop farmer?
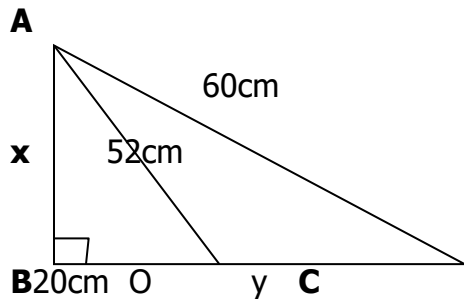
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Mathematics

1. Calculate the size of length marked x and y in the triangle ABC below.

2. The temperature of a liquid rises at a rate of 2^0C per minute when heated. If the initial temperature of the liquid is 18^0C how long will it take to reach 60^0C.
3. A sports car covers 16000 metres in 8 minutes. Calculate its speed in m/s.
4. PQRS is a rhombus. SQ = 16cm and PQ = 10cm. Find the area of the rhombus.
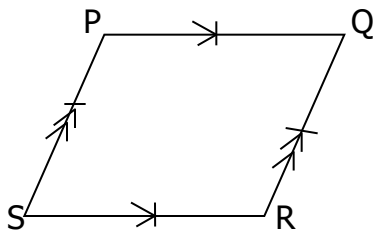
5. A sales man gets a monthly salary of sh. 240,000. He also gets 5% commission on sales above sh. 100,000. Last month, he sold goods worth sh. 250,000.
   (a)   How much commission did he get?
   (b)   How much did he earn that month?
6. A helicopter hovers above a hut in a village. A boy standing 5m from the hut estimates the height of the helicopter above the ground to be 12m. Supposing the estimation is correct, how far is the helicopter from the boy in a straight line?
7. A group of students used 72 square cards to completely cover the top of a table. If each card was of length 15cm, calculate the area of the table.
8. Calculate the perimeter of the figure below.

C   **D** 20cm   **E**
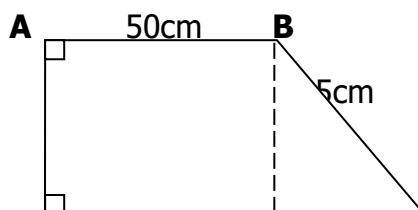
Social Studies(P.7 Wk 5)

1. What do you understand by the term drought?

2. State any two causes of drought.

3. Write down two problems facing under developed countries in Africa today.

4. Give a possible solution to each of the problems mention in number 3 above.

5. Why are the following leaders remembered in the history of Africa?

    (i)   EmperorHailieSelassie   (ii)   Dr.KwameNkrumah

    Study the map below and answer the questions that follow.

6. What does the term 'longitude' refer to?

7. Mark and name the lines of latitude on the map.

    A_____B_____C

    _____

8. Name the king of Buganda who welcomed the first group of missionaries.

9. What contribution did Apollo Kivebulaya make to Christianity in Uganda?

10.   Give any one problem which the early Christians in Uganda faced.

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English
Write the full form of the given abbreviations.
1. Co.   2. PTO   3. a.k.a

Rewrite the sentences giving the opposite of the underlined words.
4. The spinster will marry soon.
5. The scarcity of water in Butaleja District was blamed on the recent floods.
6. Two people have formally expressed interest in standing for presidency in 2016.
7. Kasule is as proud as his brother Kibirige.

Arrange the given words in alphabetical order.
8. real, ream, read, rest, reality.
9. spoon, food, fool, spoonful

Use each of the given words to construct a meaningful sentence.
10. weather ………..
11. whether………

Rewrite the sentences as instructed in the brackets.
12. If you don't ask me, I will not help you. (Use "unless")
13. Rewrite the above sentence using; ………or else………)
14. Rewrite the above sentence using; …………only if………..)
15. Rewrite the above sentence using: ………didn't…………)
16. Rewrite the above sentence using: ……….wouldn't have……)

Science
1. Identify the vector which spreads plasmodium germ.
2. What is obtained when wood is burnt under limited supply of oxygen?
3. How is a fuse adopted to its function of breaking the circuit?
4. Why is the sun referred to as a luminous source of light?
5. State one method of producing alcohol.
6. State any one useful fibre obtained from plants.
7. How does battery cage system of poultry keeping control vices?
8. Identify one air pollutant.
9. Write down any one property of magnets.
10. Write down one component of urine.
11. Name the fluid that reduces friction between the ribs and lungs.
12. What body organ is used to detect sound from the bell in the school?
13. Differentiate between a diet and a balanced diet.
14. Give one reason why food is cooked.
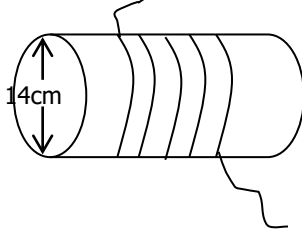
15.   Name one flightless bird.

DREAM AFRICA SCHOOLS
HOME WORK FOR P.7 TERM III 2019

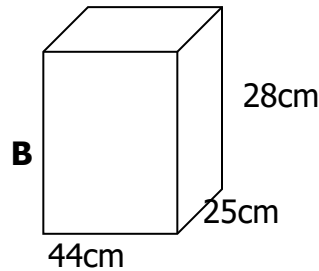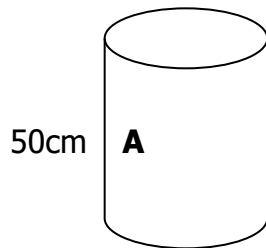Name: .... INDEX: ....

Mathematics

1.   In the diagram below, a thread is wound round a circular pipe of 14cm diameter.

14cm

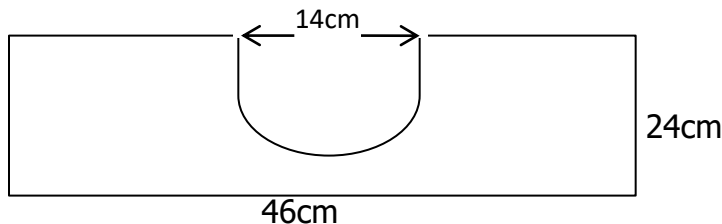If the thread is wound 100 times, how long is the thread in metres?

2.   The tanks below have exactly the same volume. Find the radius of tank A.

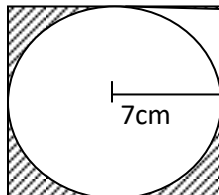50cm **A**

B

28cm

25cm

44cm

3.   The figure below has two circles. The radius of the bigger circle is twice that of the smaller circle which is 7cm. Calculate the area of the shaded part.
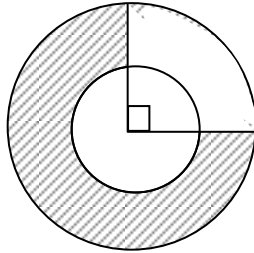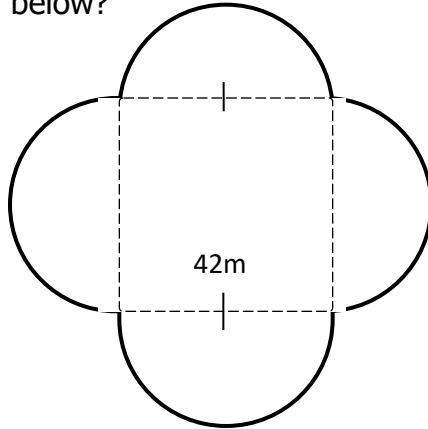

4.   Calculate the area of the figure below.

14cm

24cm

46cm

5.   Calculate the area of the shaded part in the figure below.

7cm

6. How many revolutions will a wheel of diameter 28cm make to go round the field illustrated below?

42m

Social Studies

1. Why should a map have a key?
2. Name the tax charged on goods according to their value in Uganda.
3. Give one reason why a person would not be allowed to vote in elections in Uganda.
4. Why was Uganda called a British protectorate?
5. Give one advantage of trade grouping such as COMESA.
6. Suggest one reason why there are fewer demonstrations and protests in South Africa now than in the 1980s.
7. Give two reasons why the government of Uganda is encouraging people to set up small scale industries.
8. Write down two factors that favour the location of industries.
9. Define the term government.
10. State two ways in which democracy is practiced in Uganda today.
11. What important act do we remember about Noah according to the Bible?
12. What is a covenant?
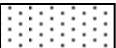
DREAM AFRICA SCHOOLS
HOME WORK FOR P.7 TERM III 2019

Name: .... INDEX: ....

1. (a)   Solve: $2x + 3 > x - 1$

    (b)   Solve and list the solution set: $-1 \leq 2x - 1 \leq 7$.

2.   Simplify: $b^2(3c - d + e)$ when $b = 3$, $c = b - 1$, $d = 5$ and $e = d - 2$.

3.   A rectamgular [plot measures $(2r + 5)$ metres by $(7 - r)$ metres. What is the perimeter of the plot?

4.   A father's age is twice that of his son. If the sum of their ages 5 years from now will be 58 years, find the son's age now.

5.   Akiiki is 38 years old. His son is 12 years old. At what age will Akiiki be twice as old as the son?

6.   Solve: $\dfrac{1}{2}(3x - 2) = \dfrac{2}{3}(2x - 3)$

7.   A mother is 23 years old. The daughter is 4 years old. In how many years will the mother be twice as old as the daughter?

8.   Annet is 20 years younger than Peter. In 15 years time, Peter will be twice as old as Annet. How old is Annet now?

9.   Okello is twice as old as Namusoke. In 4 years time, their total age will be 50 years. Howold is Namusoke now?

10.   The lengths of two parallel sides of the trapezium are $(5x + 3)$cm and $(2x-1)$cm. If the area of the trapezium is 75cm², Find the value of x if the height it 5cm.

11.   Fatuma bought y dresses, some leggings, shoes and blouses for sale. The number of leggings was half the number of dresses. The number of blouses was 3 times the number of leggings while the number of shoes was 20 more than the number of dresses. If Fatuma bought 15 blouses, calculate the total number of items bought.

P.7 Social Studies

1. What is tourism?

2. Why is tourism referred to as an industry?

3. Why is tourism called an invisible trade?

4. In which two ways do the pygmies obtain their food?

5. Give any two factors that led to the collapse of the E.A.C in 1977.

6. *Study the map below and answer questions that follow.*

   (a) What is the major product from the chief cash crop grown by the people in
       area   marked?

   (b) What developments will be brought about as a result of mining in area
       marked xxx?   (Give two)

   (c) What is the major economic activity carried out in the area shaded ////

7. Who was the first prime minister of Democratic Republic of Congo?

8. Apart from NelsonMandela, name any other two nationalists who fought against
   Apartheid policy.

9. Either: How did Abraham demonstrate his strong faith in God?

   Or: How did Ibrahim show his obedience to Allah?

DREAM AFRICA SCHOOLS
HOME WORK FOR P.7 TERM III 2019

Name: ……………………………………………………………… INDEX: ……………………

English

Rewrite the sentences as instructed in the brackets.

1. "Little girl, why are you crying?" ased the stranger. (Rewrite using: ……wanted to know……)

2. He has kept the whole bag of maize in the store. (Write a suitable question for the above response)

3. She didn't work hard. She didn't pass her exams. (Rewrite beginning: Had………)

4. We shall not pass our examinations unless we work very hard. (Rewrite using…….as long as……….)

5. The examiner will attend the workshop. The supervisor will attend the workshop. (Rewrite using …….both…….)

6. Brenda enjoys playing netball. Jane also enjoys playing netball. (Join using……as well as…….)

7. Balaza may play tennis. Balaza may play badminton. (Use; …….either…..or……)

8. Mukasa did not break the bottle. (Begin: Neither……..)

9. (Rewrite the above sentence using: ……… and neither………)

10. The boys spoke good English. The gilrsspoke good English. (Join using: ……and so ……)

11. She left very early. She did not want to reach school late. (Rewrite using; ……..so that …)

12. Use: In order………)

13. Use: …………so as……………..

14. Use: …………..such that…………)

15. Dorah was very lazy. She could not slash the whole compound. (Rewrite using: ….too…to……)

16. (Use ………enough………)

17. (Use …………so………..that………..)

P.7 Science   (Wk 6)

1.   What role does cold water play during the distillation process?

2.   Mention one way in which agriculture promotes the health of a community.

3.   Define the term "capon"

4.   State the importance of double fencing in paddocking.

5.   Identify a chemical in tobacco which causes addiction.

6.   What scientific name is given to a product got after filtration?

7.   Give one example of a gnawing mammal.

8.   What is silting?

9.   Change 104^0F to degrees Celcius.

10.   *The figure below shows a cake of density 5g/cc. Find its mass.*

4cm

3cm

5cm
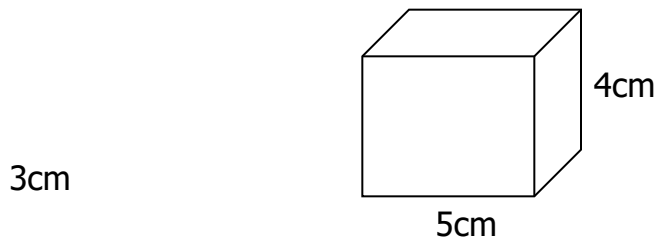
11.   State the medical meaning of drug abuse.

12.   State the structure that helps to keep sea mammals warm while in water.

13.   In which one way is warmth important during germination?

14.   Mention any one component of the blood plasma.

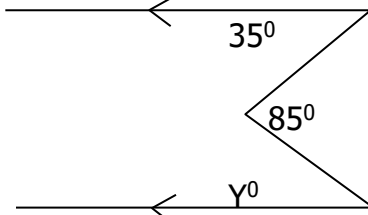15.   Name one disease of the digestive system.

DREAM AFRICA SCHOOLS
## HOME WORK FOR P.7 TERM III 2019

Name: .... INDEX: ....

Mathematics

1. Simplify: $6 - \dfrac{2}{3}$

2. Simplify: $\dfrac{2.2 \times 4.5}{0.6}$

3. Solve: $16m - 64 = 32$

4. What number when multiplied by $\dfrac{10}{7}$ gives the answer 1?

5. Simplify the following using distributive property only:
    $3.2 \times 6.3 + 3.2 \times 3.7$

6. Find the value of angle y

7. The ratio of a father's height to that of his son is 8:4. If the father is 180cm tall, how tall is the son?

8. Express 375cm in metres.

9. Find the perimeter of the figure shown below.

3cm

4.75cm
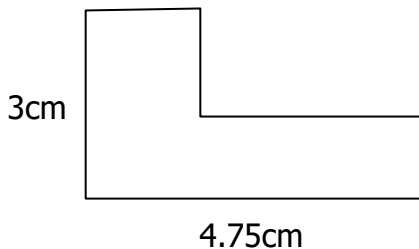
10. Solve for y: $y + 12 + 2y = 21$

11. Kalanzi scored the following marks in a series of Maths tests
    56%, 40%, 45%, 61%, 30%, 45%, 35% and 48%
    (a) Calculate the median score.
    (b) Find the mean mark of the scores
    (c) What is the modal mark?

12. Below is a cuboid with a volume of 120cm^3
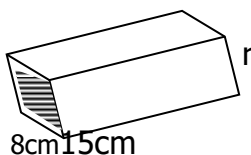
    (a) Find the value of r in the centimeters.
    (b) Find the area of shaded region.

    8cm 15cm

SST (P.7 Home work Wk 7)
1.   What is a homestead?

2.   State the factor of climate which determines the way the Karimojong dress.

3.   Why does Mt.Rwenzori have snow on its top?

4.   Briefly describe equatorial climate.

5.   Why was Egypt interested in controlling Uganda?

6.   What are agro-based industries?

7.   What type of wood do we get from mahogany trees?

8.   How is poaching dangerous to the tourism industry?

9.   How are the meridians important on a map?

10.   Give one reason why indirect rule was used in most parts of Uganda during colonial period.

11.   Give any one problem that the early explorers faced in East Africa.

12.   Name any custom of the Bagisu.

13.   Why is Bagamoyo still remembered in the history of East Africa?

14.   Name the major cash crop grown in the kilombero irrigation scheme?

15.   How did explorers contribute to the colonization of Uganda?

DREAM AFRICA SCHOOLS
HOME WORK FOR P.7 TERM III 2019

Name: .... INDEX: ....

English

In each of the questions 1 to 10, fill in the blank space with a suitable word or group of words

1. We have not met our friends _____ last November.
2. The waitress has just served the customer, _____ she?
3. The doctor was charged _____negligence of duty.
4. Swabura rarely _____ her teeth. (brush)
5. Of the twins, Opio is the _____. (shy)
6. Our President made a very good _____ yesterday. (speak)
7. The _____ of the Monitor is a very intelligent man. (edit)
8. We _____ some letters at the moment. (write)
9. The _____ of the river could easily be identified. (deep)
10. Those _____ are waiting for their Ugandan counterparts. (Rwanda)

In questions 11 and 12, use each of the given words in a sentence to show that you know the difference in their meaning.

11. hare   12. heir

In questions 13to15, give the opposite of the underlined word.

13. My father has built a <u>temporary</u> house in the village.
14. Although she was released, she was <u>innocent</u>.
15. The <u>arrival</u> of the plane has been delayed by over an hour.

Science

1. What is poultry?
2. State the type of change which takes place when trees shade off their leaves in dry season.
3. Name the organs which fish use for breathing.
4. By what process does heat from the sun reach the Earth's surface?
5. What is transplanting?
6. Identify the first set of teeth in human beings.
7. Mention any one example of a legume.
8. Which nutritional deficiency disease is caused by lack of vitamin D in the body?
9. Give one reason why patients are given First Aid.
10. Convert 25^0C to ^0F.
11. What is the importance of human teeth in the digestion of food?
12. Give one reason why we wash our clothes regularly.
13. Mention the body system that is affected by diarrhoea.
14. Express 122^0F as ^0C.
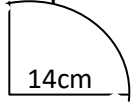15. Why is loam soil the best for crop growing?

DREAM AFRICA SCHOOLS
HOME WORK FOR P.7 TERM III 2019

Name: .... INDEX: ....
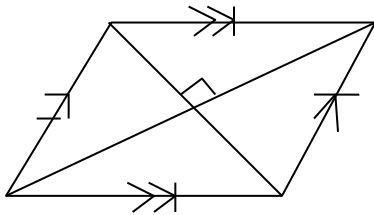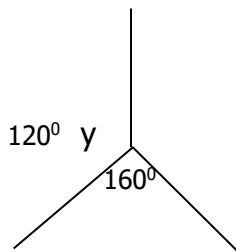
Mathematics

1. Solve: $4x - 11 = 45$

2. What is $\dfrac{1}{2}$ of $\dfrac{2}{5}$

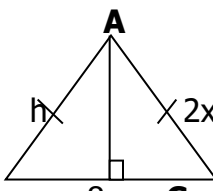3. Calculate the perimeter of the quadrant below.

   14cm

4. Simplify: $\dfrac{0.0045}{0.3 \times 1.5}$

5. The mean of 4, 5, 0, x and 7 is 5. What is the value of x?

6. 3150 decreased by x% become 2100, find x.

7. The diagonals of a rhombus are 10cm and 24cm. Find the perimeter of the rhombus.

8. Find the size of angle y.

   120^0 y
   160^0

9.
   A
   $3x - 1$ h $2x + 1$
   B   8cm C

   (a) Find the height (h) of the triangle ABC
   (b) Find area of the figure.

10. Simplify: $8.4 - 9.92 + 3$

11. Round off to the nearest hundredth 283.097

12. Using a ruler and a pair of compasses, construct a triangle ABC in which *AC = 6cm*
    $\angle A = 45^0$ and $\angle C = 60^0$

SST

1. Name the line of latitude which is 0^0.

2.   What name is given to a country bordered by an ocean or sea on one of its sides?

3.   Why did the black people of Kenya fight with the British settlers?

4.   Which neighbouring country of Uganda was the last to get independence?

5.   Why did river Nile attract many explorers from Europe?

6.   Name the body that promotes trade among the countries of South Africa.

7.   What name is given to Uganda's medium of exchange for goods and services?

8.   What is a National Constitution?

9.   State any one reason why a family should make a budget.

10.   Give any one reason why the number of refugees in Uganda has increased.

DREAM AFRICA SCHOOLS
HOME WORK FOR P.7 TERM III 2019

Name: ……………………………………………………………………… INDEX: ……………………

English

In each of the questions 1 to 6, use the correct form of the word given in brackets to complete the sentence.

1. Omondi _____ his shirt every Sunday. (dye)
2. The government wants to have _____ citizens. (heal)
3. _____ should avoid over speeding. (Motor)
4. The earth is a _____ planet. (circle)
5. Blunt _____ should be sharpened. (knife)
6. When the cat _____, all the rats ran away. (mew)

In questions 7 and 8, arrange the given words in alphabetical order.

7. cape,   cage,   cash,   case
8. stoop,   stop,   stool,   stole

In each of the questions 25 to 27, give the plural form of the word or group of words.

9. bacterium   10. a lady's purse   11. eaglet

In questions 31 to 50, re-write the sentences as instructed in the brackets.

12. By the time dogs chased the monkeys away, they had eaten all the bananas. (Re-write using: ……….before………)
13. Government banned the use of polythene paper in order to save the environment. (Re-write ending: ……….polythene paper.)
14. The woman was sweeping the house. (Re-write beginning: The house……)
15. Namunswa came yesterday. Her father is a pilot. (Re-write using: …..whose…..)

Science

1. Identify any one state of matter through which heat travels by convection.
2. Briefly explain the first aid that can be given to a person who has got a sprain.
3. How important is a dump proof course put in the foundation of our houses?
4. State any one science oriented club in your school.
5. Calculate the density of an object with mass 15 gm and volume 2.5ml
   Study the diagram of safety equipment below and use it to answer question 17.

6. Which component of air is commonly used in the above instrument?
7. On which body part of a spider are the legs found?
8. Why is a breast feeding baby grouped under vulnerable people?
9. How does temperature affect the pitch of sound produced by a drum?
10. What is the value of spreading our beddings in the sunshine?

11. To which group of vertebrates does a bat belong?

P.7 HOME WORK MARKING GUIDES FOR SOCIAL STUDIES

WK1

SST

1. They are used to locate places on a map.
2. Suez canal
3. Down warping
4. Mediterranean climate
5. Areas with thick forests get more rainfall than areas with poor vegetation.
6. By treating them/Guarding them against poachers in game parks/Gazzeting areas where they live/By feeding the ones in zoos.
7. Areas with fertile soil have more people than areas with poor soils.
8. Khosans (Hottentots and Bushmen)
9. To know the evolution of man/To know our ancestry/To know the food early man ate.
10. It was a Germany colony which lost in World War I.
11. Desire for market for goods/Need to get raw materials/Desire for presitige/Desire to spread christianity/Need to get cheap labour/Desire to get land for settlement.
12. Either: (a) Thanksgiving prayer, prayer of praise, petition prayer, Liturgical prayer.
    (b) To avoid being tempted/To strengthen their faith.
    Or: (a) Subuhi/Dhuri/Zuhur
    (b) SalatJanaza

SST

1. Economy refers to the relationship between production trade and the supply of money in a particular country or region.
2. It is where the manufactured goods are sold.
3. Civil wars
4. He formed the first political party in Nigeria/He was the first president of Nigeria.
5. He signed treaties with local leaders to brignTanganyika under colonial rule.
6. (a) Malawi
   (b) used for transport/Has ports which handle goods/It is a fishing ground.
   (c) Tsavo N.G.P.
7. Promote food security/Be able to grow cash crops.
8. Get goods they don't have/Get income.
9. They were cousins.
10. He preached repentance/He baptized people.
11. He was beheaded.

Wk 2.

1. Uganda uses Kenya's and Tanzania's sea port/Uganda gets goods e.g. fuel from Kenya and Tanzania.
2. High population.
3. They modify climate/Sources of raw materials/Fish.
4. Budgeting is the estimating of income and expenditure.
5. Equatorial climate.
6. Famine/Destruction of property/ refugees/Death of people.

7. Sending peace keeping forces/ Through peace talks.
8. Evergreen
9. Oranges, grapes, peaches, lemons, limes, Tangerine.
10. It helps in transporting goods from Africa to Asia.
11. Madagascar.
12. Prime Meridian.
13. Generate Hydro electricity
14. Jos Plateau/Ahaggar plateau/ Bie plateau/Tibesti/Nyika/Fouta Jalon.

SST

1. FredrickDe Klerk
2. It is mountainous/It had a powerful leader/It had a strong Army.
3. Forming political parties, staying rebellious, demonstrations, strikes, boycotts.
4. Nationalism refers to ones love for his country to develop socially, economically and politically.
5. SirHeskethBell.
6. Scramble for Africa was the struggle by European countries to get for themselves colonies in Africa.
7. Tropical rainforests.
8. This is the way people are spread in a given area.
9. Have scrubs and small bushes/trees are thorny/short scattered grass/ scanty vegetation.
10. Snad dunes are heaps o sand in a desert.
11. Sahara desert/Namib desert/ Kalahari desert.
12. Either: Love your neighbour as you love yourself.

   Or: Pray five times a day.

Wk 4. SST

1. It where the oldest human skull was found.
2. A group of people with the same origin and almost speak the same language.
3. He discovered the oldest human skull at Olduvai Gorge.
4. This was the trade carried out across the Sahara desert between the people of North Africa and those of West Africa.
5. For protection.
6. Salt, ivory, tortoise shells, slaves, rhinocerous horns.
7. Development of towns/Growth of kingdoms/Spread of Islam/Introduction of new items of trade.
8. JanVan Riebeck
9. Khoisans were displced.
10. Both believe in one God/Both believe in life after death/Both believe in Prophets/Angels/day of judgement/ Holy books.
11. Moslems fast for 30 days, Christians for 40 days.
12. Moslems call Jesus a prophet, Christians call Jesus a son of God.
13. Moslems' Holy place is a Mosque, Christians Holy place is a Church.

Wk 5

1. Drought is a long period of too much sunshine with little or no rainfall.
2. Deforestation/Swamp drawing/bush burning
3. Diseases/High rate of illiteracy (promote free education)/Ignorance/ low levels of technology/civil wars – promoting good governance.
4.
5. (i) He resisted Italian ride in Ethiopia.
   (ii) He led Ghana to independence.
6. Longitude is the distance East or West of the Greenwich.
7. A –Tropic of Cancer

B – Equator

C –Tropic of Capricorn

8. King Muteesa I.
9. He was the first Muganda missionary to spread Christianity to Western Uganda and Eastern D.R.C.
10. Epidermic diseases/Language problem/ Attacks from hostile tribes/Shortage of supplies.

Wk 6

1. A key in interprets symbols and signs on a map.
2. Value Added Tax.
3. When one is not registered/When one is not yet 18 years/When one is not a citizen of Uganda.
4. Uganda was ruled temporarily to protect their interests.
5. Promote trade/Promote peace and Unity.
6. Due to Apartheid policy in the 1980s unlike today.
7. Create employment/Create market for raw materials/widen export base.
8. Presence of capital/Availability of raw materials/Presence of market/Good transport & communication.
9. Government refers to a group of people who exercise power and carry out policies on behalf of the state.
10. Elections/Freedom of movement/ Freedom of worship.
11. He built an Ark.
12. A covenant is an Agreement between God and man.

Wk 7

1. Tourism is the act of travelling of people to new place to see interesting things and have rest/Business of providing accomodation, entertainment and other services to tourists.

2. It is a source of income/It creates employment.
3. It does not involve physical exchange of goods but income is earned.
4. Hunting/Gathering fruits.
5. Different political ideas/Shortage of funds/misunderstandings among member states/failure to recogniseIdd Amin as head of state.
6. (i) Ciggarettes.
   (ii) Income for government/creation of jobs/Improved infrastructure
   (iii) cattle keeping/
7. PatriceLumumba
8. Oliver Tambo/Bishop Desmond Tutu/ Robert Sobukwe/Chris Hani.
9. He accepted to go to a foreign land/He accepted to sacrifice his only son.

P.7 Marking Guide for English Homework

Wk 1.
English
1. Degradation
2. More carelessly
3. Worsened
4. Crowed
5. Tastier
6. In
7. Who
8. Would
9. When
10. Paid
11. Deg
12. Hq/HQ
13. We have been here thrice since the year began.
14. Nobody knows when he was imprisoned.
15. Derrick went to the cinema.

English

1. For
2. Didn't he?
3. By
4. Pieces
5. Vertical
6. Tidied
7. Fifth
8. Argumentative
9. Lain
10. Mentally
11. Any meaningful sentence
12. Any meaningful sentence
13. Mass, mask, mast, forestry
14. Forest, forested, forests, forestry
15. Cold, cook, cookie, cool

Wk 2. The old man about whom I told you last week has died.
1. Patra, whose father is an engineer, is our school nurse.
2. The donkey which was knocked by a tractor died.
3. The inspector who came to our school didn't have a vehicle.
4. A beloved sone of theirs works in that hotel.
5. By the time this letter reachersyou, I will have left the country.
6. The train had left by the time she reached the railway station.
7. The doctor lent five thousand shillings to my father for buying a calender.
8. Patriciacantremember the person from whom she borrowed the shoes.
9. None of the roofs of the houses was declared safe/were declared safe.
10. Every mango is juicy.
11. Inaccurate
12. Outdoors
13. Who is the current headteacher of your school?
14. A cat has eaten the rat.

Wk 3

1. An
2. Of
3. What
4. Butcher's
5. Which
6. Martha is a very lucky person/Martha is an extremely lucky person.
7. Gloria needn't have abused the madman.
8. The oder people grow, the wiser they become.
9. There wasn't anything in the stranger's bag.
10. Gideon bought some sugar, didn't he?
11. By whom were the kitchen utensils stolen?
12. My uncle owns not only a bus but also a lorry.

13. If Tendo got the money, he would buy a bicycle.
14. Pictures were being drawn by children.
15. The chief has two beautiful tall dark-skinned daughters.

Wk 4 Eng

1. Fatter   2. Marries   3. Oily
4. Spoiled/spoilt   5. I
6. Destruction   7. Laughing
8. Peaceful   9. Importance
10. Hygienic   11. Larvae
12. Maxima
13. The irresponsible secretary arrived in time
14. The plane at 8:00 p.m.
15. Is it true that ladies' ideas are ever good?

Wk 6 Eng

1. Please reply
2. Acting
3. Free on board
4. The bachelor will marry soon
5. The abundance of water in Butaleja District was blamed on the recent floods.
6. Two people have informally expressed interest in standing for presidency in 2016.
7. Kasule is as humble/modest as his brother Kibirige.
8. Read, real, reality, ream, rest
9. Food, fool, spoon, spoonful.
10.
11. Any meaningful sentence.
12. I will not help you unless you ask me./ Unless you ask me, I will not help you.
13. You should ask me or else, I will help you/Ask me or else I will not help you.
14. I will help you only if you ask me.
15. If you didn't ask me, I wouldn't help you.

16. If you hadn't asked me, I would have helped you.

Week 7

1. The stranger wanted to know from the little girl why she was crying.
2. Where has he kept the whole bag of maize?
3. Had she worked hard, she would have passed her exams.
4. We shall pass our examinations as long as we work very hard.
5. The examiner and the supervisor will both attend the workshop.
6. Brenda, as well as Jane, enjoys playing netball. (with or without commas)
7. Balaza will play either tennis or badminton.
8. Neither Mukasa nor Musoke broke the bottle.
9. Mukasa did not break the bottle and neither did Musoke.
10. The boys spoke good English and so did the girls.
11. She left very early so that she couldn't reach school late.
12. In order not to reach school late, she left early.
13. She left early so as not to reach school late.
14. She left early such that she could not reach school late.
15. Dorah was too lazy to slash the whole compound.
16. Dorah was not hardworking/ industrious enough to slash the whole compound.
17. Dorah was so lazy that she could not slash the whole compound.

MARKING GUIDE FOR P.7 SCIENCE HOME WORK

Wk 1.
1. Plasma
2. Proper ventilation improves air circulation.
3. Poverty, child and spouse abuse, violence, family neglect.
4. Swollen udder, swollen teats, blood stains in milk.
5. Hep B, Hib
6.
7. Herbicides
8. Frog
9. Immunisation prevents children from infant immunisable killer diseases.
10. White objects reflect all the light falling on them.
11. Germination.
12. All invertebratess have no back bones.
13. Splitting fire wood, cutting big trees.
14. Sisal used to make ropes, sacks, dancing costumes.
15. Drug misuse is the use of a drug in a way that is harmful to the body/Use of an illegal drug.

SCIE
1. An electric circuit is a complete path taken by the flow of electrons.
2. Third class lever.
3. Movement in one plane, movement in to and fro direction.
4. Dropping out of school/early marriage/death when giving birth.
5. To prevent flies from reaching the house/To prevent bad smell from reaching the house.
6. Bees use propolis to repair cracks in the hive/Bees use propolis to smoothen the inside of the hive.
7. Wall thermometer.
8. To be filtered.
9. Because light travels in straight lines.
10. Helps plants to cool down/Helps plants to take up more water from the soil.
11. Viscosity
12. Red blood cells.
13. Distillation
14. By the help of sound waves.
15. Heat energy.

Science Wk 3
1. Blood in veins move with low pressure.
2. Tsetsefly, blue bottle flies.
3. Ventilators take out stale air from the house.
4. Petroleum, Uranium
5. Cutting and bitting food.
6. Ossicles.
7. Malaria, Diarrhoea, dysentry
8. Water and soap helps to remove dirt from the clothes/Soap kills germs in the clothes.
9. Help a housefly to balance while in flight.
10. Exotic breeds grow faster/Exotic breeds give more yields.
11.
12. Under the finger nails.
13. Bacteria help to reduce te volume of faeces in pit latrines/Help in decomposition of organic matter
14. By vibration of air in the voice box.
15. Vomiting/intestianl obstruction/diarrhoea/constipation.

Wk 4 Science
1. By spraying using pesticides.
2. Simple serrated.
3. Wood

4. Poultry attract vectors to the house/make the house dirty/make a lot of noise.
5. To keep moisture out of them (dry)/kill vectors in them.
6. Used to trap prey/nest for laying eggs/Habitat for a spider/used for movement.
7. They produce scent.
8. Prevents adolescent girls from getting STDs.
9. Gravity
10. Using T.Vs, radios, news papers, printing health kits/mobilisingte community for health education.
11. Easy harvesting and weeding/economises seeds/reduces hiding places for pests.
12. By installing lightning conductors.
13. To prevent them from rusting.
14. At the adult stage.
15. The kidneys.

Wk 6 Science
1. Female anopheles mosquito.
2. Charcoal
3. It has a thin wire with low melting point.
4. The sun produces its own light.
5. Fermentation/Distillation.
6. Sisal/jute/cotton/linen/hem.
7. There are few birds or one in a cage.
8. Smoke/exhaust fumes.
9. Magnetism can pass through non magnetic materials/A freely suspended magnet points in the north- south direction/Magnets become weaker with age/Magnetism is concentrated at the poles.
10. Salt, water, urea, uric acid.
11. Pleural fluid.
12. The ears.
13. A diet refers to the food one eats while a balanced diet is a diet containing all food values.

14. To make it soft/ Add flavour/Add taste/ Kill germs
15. Kiwi/Penguin/Ostrich/Emu.

SIECE
1. Condenses the vapour in the delivery tube.
2. Agriculture provides food/medicine.
3. A capon is a castrated chicken.
4. Double fencing prevents ticks from crossing from crossing into other paddocks.
5. Nicotine
6. Filtrate
7. Rat, Rabbit
8. Silting is the deposition of soil into water bodies by erosion.
9. $0C = (F - 32) \dfrac{5}{9}$

$= 104 - 32 \times \dfrac{5}{9}$

$= \overset{8}{\cancel{72}} \times \dfrac{5}{\underset{1}{\cancel{9}}} = 40^0C$

10. $V = L \times W \times h$
    $5cm \times 3cm \times 4cm = 60cm^3.$
    $M = D \times V$
    $= 5g/cc \times 60cm^3$
    $= 300g.$
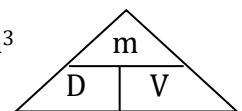
    $\dfrac{m}{D \mid V}$
11. Use a drug in the way that harmful to the body bludder.
12. Provides optimum temperature.
13. Antibodies, hormones, digested food, waste matter.
14. Diarrhoea, cholera, dysentery, typhoid, peptic ulcers, Appendicitis.